| Ir | าdex | of | Claiı | ns |  |
|----|------|----|-------|----|--|
|    |      |    |       |    |  |

| App | lication | No |
|-----|----------|----|
|-----|----------|----|

10/052,316 Examiner

Applicant(s)

RAO ET AL. Art Unit

Vickie Kim

1614

| 1 | _ | Rejected |
|---|---|----------|
| = | = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   |                                |

Restricted

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla                  | ,<br>aim                               | n Date   |  |                |  |          |          |              |                |  |
|----------------------|--|----------|--|----------------|--|----------|----------|--------------|----------------|--|
|                      | 1                                      |          |  |                |  |          |          |              | T              | П  |
| Final                | Original                               | 9/2/04   |  |                |  |          |          |              |                |  |
| 1                    | 1                                      | =        | $\vdash$   | <del> </del>   | <del> </del>                                     | 1        | $\vdash$ | T            | T              | T  |
| 2                    | 2                                      | =        | t  | T              | <del>                                     </del> | T        | T        | 1-           | 1              | T  |
| 3                    | 3                                      | ╘        | <del>                                     </del> | 1              | <del> </del>                                     | _        | $\vdash$ | $\vdash$     |                | H  |
|                      | 4                                      | 一        | 1  | ╁╾             | ┢  | ╁╴       | ╁        | $\vdash$     | ╁╴             | +-   |
|                      | 5                                      | ├-       | -  | 1-             | ╁  | -        | ╁        | ╁─           | ┼              | -  |
| 4                    | 5                                      | ╘        | ╁  | $\vdash$       | -  | $\vdash$ | ├-       | ├            | <del> </del> — | ├  |
| <u>4</u><br>5        | 1<br>2<br>3<br>4<br>5<br>6<br>7        | =        | ├  | ├              | ├  | ⊢        | $\vdash$ | ⊢            | ⊢              | ├  |
| 3                    |  | 1        | <del> </del>                                     | ├              | ├  | ⊢        | ⊢        | -            | -              | ╀╌   |
|                      | 8<br>9                                 | <u> </u> | ├  | -              | -  | ├        | ⊢        | ├            |                | ļ  |
| <u>6</u>             | 40                                     | 트        | <del> </del>                                     | -              | ├-   | -        | ┡        | -            | ⊢              | ├-   |
|                      | 10                                     | =        | ├-   | ├              | ├_   | <u> </u> | ├-       | ₩            | -              | -  |
|                      | 11                                     | ⊢        | ⊢  | <u> </u>       | -  | ļ        | <u> </u> | ╀            | ⊢              | <b></b> -  |
|                      | 12                                     | <u> </u> | <b> </b>   | <del> </del> — | ├—   | -        | -        | <del> </del> | ├              |  |
|                      | 13                                     | <u> </u> | <b>—</b>   | ـــ            | ┡  | <u> </u> | -        | <u> </u>     | 1              | 1  |
|                      | 11<br>12<br>13<br>14<br>15<br>16<br>17 | <b> </b> | <u> </u>   | <del> </del>   | <b>⊢</b>   | ⊢        | 1        | ₩            | ļ              | <u> </u>   |
|                      | 15                                     | <u> </u> | -  | <del> _</del>  | <del> </del>                                     | _        | _        | _            | <b> </b>       | _  |
|                      | 16                                     | ļ        | L  | _              | <u> </u>   | <u> </u> | <u> </u> | L            | L              | ļ  |
|                      | 17                                     | _        | <u> </u>   | <u> </u>       | <u> </u>   | L        | _        | <u> </u>     |                | <u> </u>   |
|                      | 18                                     | _        |  | L              | L  | L        | _        | L            | L              |  |
|                      | 19                                     | _        |  | L.             | L  | L        | _        | <u> </u>     |                |  |
|                      | 20                                     |          |  | L              |  | <u></u>  |          |              | L              |  |
| 8                    | 21                                     | Ξ        |  |                |  |          |          |              |                |  |
| 9                    | 22                                     | =        |  |                |  |          |          |              |                |  |
| 10                   | 23                                     | =        | L  | L              |  |          | L        | L            | L              | _  |
| 11                   | 22<br>23<br>24<br>25                   | =        |  |                | L  |          |          | _            |                | L  |
|                      | 25                                     | _        | _  | _              | L  |          | _        | L            | <u> </u>       | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{L}}}}$ |
|                      | 26                                     | Ш        | L_   |                |  | L        |          | L            | L              | L  |
| 12                   | 27                                     | =        | L  | _              | 匚  | Ш        | <u> </u> | L            |                |  |
| 12<br>13<br>14<br>15 | 27<br>28<br>29                         | =        |  | _              | _  |          |          |              | L              |  |
| 14                   | 29                                     | =        |  | L              | L  |          | L        |              | L              |  |
| 15                   | 30<br>31                               | =        |  |                |  | L        | 乚        |              |                |  |
| 16                   | 31                                     | =        |  |                |  |          |          |              |                |  |
| 17                   | 32                                     | =        |  |                |  |          |          |              |                |  |
| 17<br>18             | 32<br>33                               |          | L  | $\Box$         | L  | Ĺ        |          |              |                |  |
| 19                   | 34                                     |          |  | L              |  | L        | L        | $\Box$       | L              | L  |
| 20                   | 35                                     | п        |  |                | L  |          |          |              |                |  |
|                      | 36                                     |          |  |                | L  |          |          | 匚            |                | L  |
|                      | 37                                     |          |  |                |  | $\Box$   |          | 匚            |                |  |
|                      | 38<br>39                               |          |  |                |  |          |          |              |                |  |
|                      | 39                                     |          |  | <u> </u>       |  |          |          |              |                | $\Box$   |
|                      | 40                                     |          |  |                |  |          |          |              |                |  |
|                      | 41                                     |          |  |                | L  | L        |          |              |                |  |
|                      | 42                                     |          | L  |                | L  |          |          |              |                |  |
|                      | 43                                     |          |  |                | _  | _        |          |              |                |  |
|                      | 44                                     |          |  | Ш              |  | _        | _        |              | $oxed{oxed}$   |  |
|                      | 45                                     |          |  |                |  |          | _        |              |                |  |
|                      | 46                                     |          |  |                |  | <u> </u> | _        |              |                |  |
|                      | 47                                     |          |  |                |  |          |          |              | L              |  |
|                      | 48                                     |          |  |                |  |          |          |              |                |  |
|                      | 49                                     |          |  |                |  |          |          |              |                |  |
| ]                    | 50                                     |          |  |                |  |          |          |              |                |  |

|          | Cla      | iim      |              |              |              |  | Dat            | е            |  |              |  |
|----------|----------|----------|--------------|--------------|--------------|--|----------------|--------------|--|--------------|--|
|          | Final    | Original |              |              |              |  |                |              |  |              |  |
| 卜        |          | 51       |              | T            | T            | ┢  | T              | T            | Ι-   | T            | <del> </del>                                     |
| 上        |          | 51<br>52 |              | 1            | t            | -  | $\vdash$       | ╁─╴          | <del>                                     </del> | $\vdash$     | ┢  |
| ┢        |          | 53       | _            |              | ╁            | 1  | 1              | ╁            | $\vdash$   |              | -  |
| ┢        |          | 54       | -            | $\vdash$     | $\vdash$     | $\vdash$   | <del> </del>   | ╁            | ┢  |              | -  |
| $\vdash$ |          | 55       | ┢            | t            | $\vdash$     | H  | ┢              | <del> </del> | -  |              | _  |
| $\vdash$ |          | 56       | ┢            | t            | +-           | <del>                                     </del> | <del> </del>   | $\vdash$     | ┢  | -            |  |
| $\vdash$ |          | 57       | -            | ├            | $\vdash$     | $\vdash$   | ┢              | $\vdash$     | -  | <del> </del> | _  |
| H        |          | 58       | -            | ┝            | $\vdash$     | -  | ┢              | <del> </del> | ├  | ├─           | <del>                                     </del> |
| H        |          | 59       |              | ╁            | ╁╴           | _  | $\vdash$       | ├            | ┢  | -            |  |
| ╟        |          | 60       |              | <del> </del> | -            |  | $\vdash$       | -            | -  | ┝            | ┢  |
| $\vdash$ |          | 61       | -            | ╁╌           | ┼            | <del> </del>                                     | -              | -            | ╁  | ├            | -  |
| ┢        |          | 62       | <del> </del> | ╁            | ╫            | -  | ╁              | $\vdash$     | -  | -            | $\vdash$   |
| ŀ        |          | 63       |              | ╁            | -            |  | ⊢              | ┢╌           | ┢  | $\vdash$     | $\vdash$   |
| $\vdash$ | _        | 64       | -            | ╁╾           | <del> </del> | -  | ├              | -            | -  |              | -  |
| $\vdash$ |          | 65       |              | ┢            | $\vdash$     |  | ├              | ├─           | $\vdash$   | $\vdash$     |  |
| $\vdash$ |          | 66       |              | $\vdash$     | -            |  | ┢              | $\vdash$     | -  | ├            | -  |
| ⊦        |          | 67       |              | ┢            | $\vdash$     |  | ┢╌             | $\vdash$     | -  | ├─           |  |
| ┢        |          | 68       | -            | ┢            | ⊢            | -  | ├              | ├-           | ┝  | ⊢            |  |
| $\vdash$ | -        | 69       | <del> </del> | ⊢            | -            |  | ⊢              |              | -  | -            | -  |
| ┢        |          | 70       | -            | ┢            | ┢            | -  |                | -            |  |              | -  |
| ⊦        |          | 71       | ├            | ├            | -            | $\vdash$   | $\vdash$       | $\vdash$     |  | -            | -  |
| $\vdash$ |          | 72       | _            | ├            | $\vdash$     | H  |                | -            |  | _            | ⊢  |
| ┝        |          | 72<br>73 |              | <del> </del> | ⊢            |  |                | ⊢            |  | <u> </u>     | <u> </u>   |
| $\vdash$ |          | 74       | _            | -            | -            | ┝  | -              | <b> </b>     | -  |              | -  |
| $\vdash$ |          | 75       | _            | $\vdash$     | -            | -  | -              | -            | -  | _            |  |
| $\vdash$ |          | 75<br>76 | _            | -            | <del> </del> | $\vdash$   | -              | ├—           | <u> </u>   | -            | _  |
| $\vdash$ |          |          | _            | ┝            |              | -  | <del> </del>   | ⊢            |  | ļ            |  |
| $\vdash$ | -+       | 77<br>78 |              | ⊢            | $\vdash$     | <u> </u>   |                | L            | <u> </u> -                                       |              | _  |
| $\vdash$ |          | 79       |              | -            | -            | -  | <del> </del> - | -            | <u> </u>   | _            | _  |
| -        |          |          |              | $\vdash$     | -            |  | -              | -            |  | <u> </u>     | _  |
| ⊩        |          | 80       |              | -            |              | ┡  | <del> </del>   | <u> </u>     |  | <u> </u>     |  |
| -        |          | 81       |              | -            | _            |  | -              | _            |  |              |  |
| -        | -        | 82       |              | _            |              |  |                |              |  | _            | _  |
| $\vdash$ |          | 83<br>84 | _            | _            | _            | -  | _              | _            |  |              |  |
| $\vdash$ |          |          |              | <u> </u>     | H            | _  | ⊢              | ⊢            |  |              | -  |
| $\vdash$ | $\dashv$ | 85       |              |              |              | <u> </u>   | -              | <u> </u>     |  | <u> </u>     | $\vdash$   |
| $\vdash$ | $\dashv$ | 86<br>87 |              | <del> </del> | -            | $\vdash$   | $\vdash$       | -            |  |              |  |
| $\vdash$ | -        |          |              | ├—           | $\vdash$     | -  |                | -            | _  | -            | Н  |
| -        | $\dashv$ | 88<br>89 |              | -            | $\vdash$     | <u> </u>   | <u> </u>       |              |  | Щ            | $\vdash \vdash$                                  |
| $\vdash$ |          |          |              |              |              |  |                | <u> </u>     | _  | _            |  |
| $\vdash$ |          | 90<br>91 |              | -            | $\vdash$     | <u> </u>   | <u> </u>       | -            |  | $\vdash$     |  |
| -        |          |          |              | -            | <del> </del> | <del></del>                                      | -              | -            |  |              |  |
| $\vdash$ | $\dashv$ | 92<br>93 |              |              | <u> </u>     | H  |                | $\vdash$     |  |              | $\vdash$   |
| $\vdash$ |          | 93       |              | <u> </u>     | _            | <u> </u>   | <u> </u>       | <u> </u>     | _  | $\vdash$     |  |
| -        |          |          |              | <u> </u>     | -            |  | <u> </u>       | Ļ            | <u> </u>   |              | Н  |
| L        |          | 95       | _            | L-           |              |  |                |              | _  | $\square$    |  |
| F        |          | 96       | _            | $\vdash$     |              |  |                | <u> </u>     |  | Ш            | $\Box$   |
| -        |          | 97       |              | <u> </u>     | $\vdash$     |  |                |              |  |              | $\Box$   |
| $\vdash$ |          | 98       |              |              | $\vdash$     |  |                |              | Щ  |              |  |
| $\vdash$ |          | 99       |              | ١.,          | <u> </u>     |  |                |              |  | _            |  |

| Cl          | aim        | Γ        | _        |                |              | Dat            | e        |  |              |  |
|-------------|------------|----------|----------|----------------|--------------|----------------|----------|--|--------------|--|
|             |            |          |          |                | Π            |                |          | П  | Γ            | Γ  |
| <u></u>     | Original   |          |          |                | l            | 1              | ĺ        |  |              |  |
| Final       | <u>:</u> 5 |          |          |                |              | 1              | l        |  |              | l  |
| "           | lδ         |          |          |                |              | ı              |          |  |              | İ  |
|             |            | <u></u>  | L        | _              |              |                | <u> </u> |  |              | L  |
| 1 .         | 101        | Ì        | l        |                |              | 1              | l        |  |              |  |
|             | 102        |          |          |                |              |                |          |  |              |  |
|             | 103        |          | $\vdash$ | $\vdash$       | <del> </del> | -              | -        | $\vdash$   |              |  |
| $\vdash$    | 103        |          | -        | ⊢              | ┢            | <del> </del>   | ┢        | ├  |              | ╁  |
|             | 104        | _        | <u> </u> | _              | _            | _              | L        | <u> </u>   | <u> </u>     | L.   |
|             | 105        |          |          |                | L            | <u>L</u>       |          |  |              |  |
|             | 106        |          |          |                |              |                | $\Box$   |  |              |  |
|             | 107        |          |          |                |              |                |          |  |              |  |
|             | 108        | <u> </u> |          | $\vdash$       | ┢            | <del> </del>   | 1        | <del>                                     </del> | <del> </del> | t-   |
| $\vdash$    | 100        | $\vdash$ |          | -              | $\vdash$     | ⊢              | ┝        | ╁  | ├            | ╁─   |
|             | 109        | <u> </u> |          | _              | L_           | <u> </u>       | <b>├</b> | ļ  | <u> </u>     | Ь_   |
|             | 110        |          |          |                | L            |                | 匚        |  |              | <u> </u>   |
|             | 111        |          |          |                |              |                | 1.       |  |              |  |
| 17.         | 112        |          |          |                |              |                | Г        | П  |              |  |
|             | 113        |          |          | Г              |              | 1              |          | 1  | 1            |  |
|             | 11/        | Н        |          | -              | _            | $\vdash$       | $\vdash$ | -  | $\vdash$     |  |
|             | 114<br>115 |          | $\vdash$ | <del>  -</del> | -            | ⊢              | -        | ├  | ⊢            | $\vdash$   |
|             | 115        |          | <u> </u> | _              | <u>L</u>     | ļ              |          |  | _            | _  |
|             | 116        |          |          |                |              | 1              | L.       |  |              |  |
|             | 117        |          |          |                |              | i              |          |  |              |  |
|             | 118        |          |          |                |              | _              | Ι-       | T  | T            | $\vdash$   |
|             | 119        | -        |          | -              | -            | -              | $\vdash$ | <del>                                     </del> |              | -  |
|             | 119        |          | ⊢        |                | _            | ├              | ├        | !—   | ├            | <del>                                     </del> |
|             | 120        |          | <u> </u> |                |              | _              | L        | _  | _            | _  |
|             | 121        |          |          |                |              |                | L        | L  |              |  |
| 1           | 122<br>123 | l i      | ŀ        |                |              | l              |          |  |              |  |
|             | 123        |          |          |                |              |                |          |  |              |  |
|             | 124        |          |          | ┢─             | $\vdash$     | $\vdash$       | -        |  | $\vdash$     | ·  |
| <b>—</b>    | 127        | -        | -        | ├              | $\vdash$     | ⊢              | -        | -  | ├-           | -  |
|             | 125<br>126 | _        | _        | Ŀ              | -            | <del> </del> _ | _        | <u> </u>   | <u> </u>     |  |
|             | 126        |          | _        |                | _            |                |          |  |              |  |
|             | 127        |          |          |                |              |                |          |  | 1            |  |
|             | 128        |          |          |                |              |                | _        |  |              |  |
|             | 129        |          |          |                | _            |                | $\vdash$ |  |              |  |
|             | 130        |          |          |                | $\vdash$     | $\vdash$       | ├─       | <del> </del>                                     | -            | ┝  |
|             | 130<br>131 |          | _        | _              | _            | ├              | <u> </u> | _  | _            | ├  |
| $\vdash$    | 131        |          |          |                | _            |                | <u> </u> |  |              |  |
|             | 132        |          |          |                |              |                |          |  |              |  |
|             | 133        |          |          |                |              |                |          |  |              |  |
|             | 134        |          |          |                |              |                | Г        |  |              |  |
|             | 135        |          |          |                | _            | -              |          |  | Н            | -  |
|             | 126        | $\dashv$ |          |                |              | ├              |          | $\vdash$   | <del> </del> | $\vdash$   |
| <b>  </b>   | 136        |          |          |                |              | <u> </u>       | _        | L_   | <u> </u>     | L  |
| <u></u>     | 137        |          |          |                |              | L              |          | L  |              |  |
|             | 138        |          |          |                |              |                |          |  |              |  |
|             | 139        |          |          |                |              |                |          |  |              |  |
|             | 140        | $\neg$   |          |                |              | _              |          | $\vdash$   |              | Н  |
| $\vdash$    | •          | -        | -        | -              |              | -              | -        | $\vdash$   | $\vdash$     | $\vdash$   |
| <del></del> | 141        | $\dashv$ | _        |                |              | <b>-</b>       |          | Ь.   | _            | -  |
| <b>  </b>   | 142        |          | _        |                |              | ш              |          | Ш  | L.,          |  |
| <u></u> l   | 143        | ]        |          |                |              | لــــا         |          |  |              |  |
|             | 144        |          | П        |                |              |                |          |  |              |  |
|             | 145        | $\neg$   |          |                |              |                |          |  |              |  |
|             | 146        | $\dashv$ | -        |                | -            | Н              | _        |  | $\vdash$     |  |
| $\vdash$    |            |          | -        |                |              | Н              |          |  | -            |  |
| <b></b>     | 147        | _        |          | _              |              | Ш              |          |  |              |  |
| <u></u> l   | 148        |          |          |                |              |                |          |  |              | _  |
|             | 149        | П        |          |                |              |                |          |  |              |  |
|             | 150        | $\neg$   |          | $\dashv$       |              | Н              |          | $\vdash$   | $\vdash$     | $\neg$   |
|             |            |          |          |                |              |                |          |  |              |  |